

RECEIVED
MAR 08 2004

Docket No. UMT-101X
Serial No. 09/775,386



Patent Application
Docket No. UMT-101X
Serial No. 09/775,386

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : L. I. Cross
Art Unit : 1743
Applicant : Michael D. DeGrandpre
Serial No. : 09/775,386
Filed : January 31, 2001
For : Calibration-free Optical Chemical Sensors

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

DECLARATION OF MICHAEL D. DEGRANDPRE
UNDER 37 C.F.R. 1.132

Sir:

I, Michael D. DeGrandpre, declare and declare:

THAT, I am the inventor of the subject matter claimed in U.S. patent application Serial No. 09/775,386;

THAT, I am a co-author of the following publication:

DeGrandpre, Michael D., Baehr, Matthew M., and Hammar, Terence R. (1999)
Calibration-Free Optical Chemical Sensors, *Analytical Chemistry*, 71(6): 1152-1159.

And, being thus duly qualified, do further declare as follows:

At the time the paper was published, co-author Matthew M. Baehr was my graduate student working under my direction and control. Mr. Baehr assisted me in my research to establish the calibration-free method, this work was not part of Mr. Baehr's graduate research. Co-author Terence R. Hammar worked with me in developing the Submersible Autonomous Moored Instrument for CO₂ (SAMI-CO₂). Mr. Hammar did not however work with me in devising the method of using this sensor to take calibration-free measurements. Neither Mr. Baehr or Mr. Hammar contributed to the conception of the claimed invention. Therefore, despite their helpful research assistance, my co-authors were not included as co-inventors on the subject application.

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of the validity of the application or any patent issued thereon.

Further, declarant sayeth not.

By: Michael D. DeGrandpre
Michael D. DeGrandpre

Date: 2/25/04